

Figure 1

204210-ET9E8960

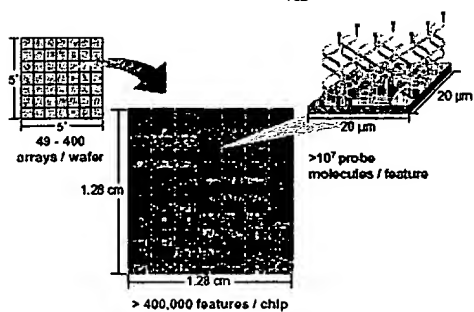


Figure 2

204270-ET9E8960

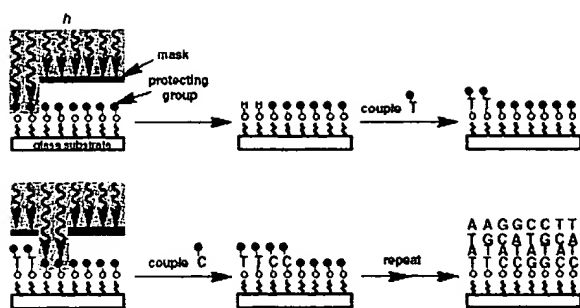
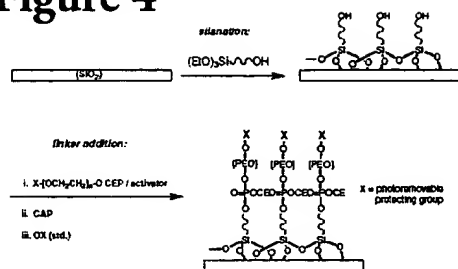


Figure 3

09683613.012402

Figure 4



20131016T093950

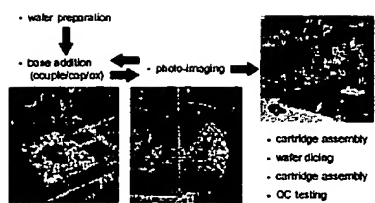


Figure 5

20121013 01:40

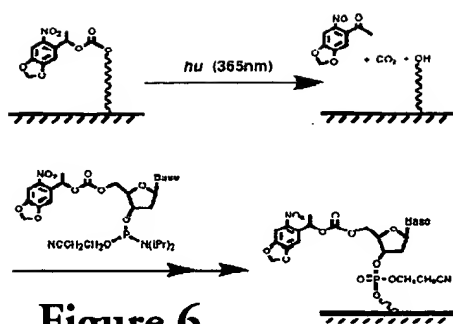


Figure 6

204270 5T928960

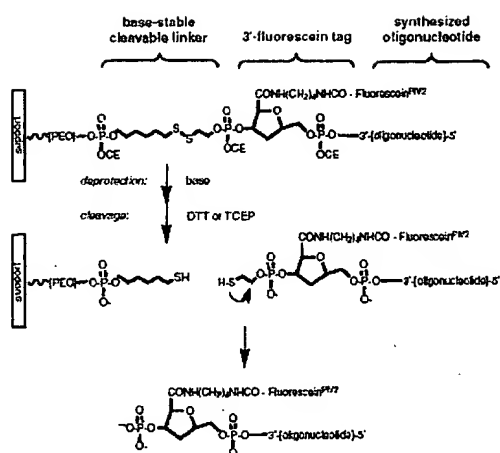


Figure 7

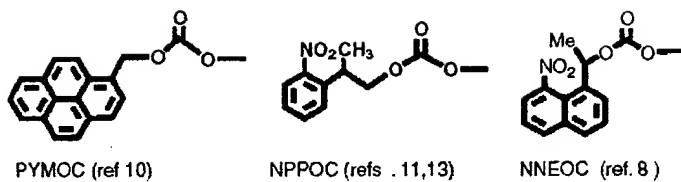
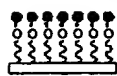


Figure 8

204210" ET 9E8960

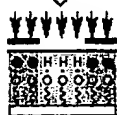
Derivatized
Glass
Substrate



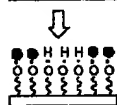
Apply PAG-
Polymer Film



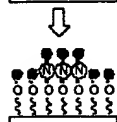
Expose PAG-
Polymer Film



Strip PAG-
Polymer Film



Couple next
DMT-nucleotide



• = DMT

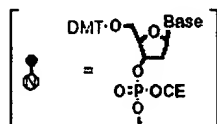
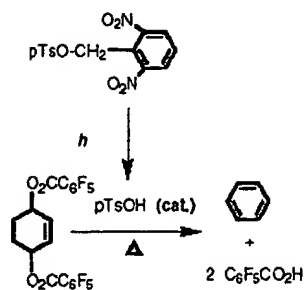


Figure 9

20140707 09:56:13.01402

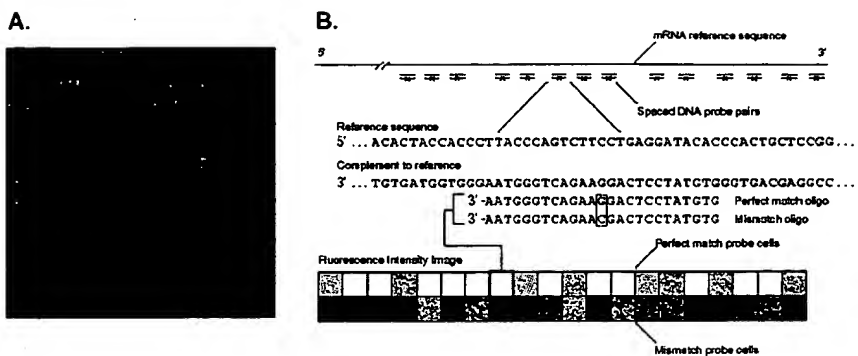


Figure 10

20121013 09:58:50

A.

REFERENCE
SEQUENCE → 5'GGACTTTGTGGGATACCCTCC

20MER PROBES

3'cctgaaacAccctatgggag
cctgaaacCccctatgggag
cctgaaacGccctatgggag
cctgaaacTccctatgggag
3'ctgaaacaAcctatgggagg
ctgaaacaCccctatgggagg
ctgaaacaGccctatgggagg
ctgaaacaTccctatgggagg

B.



Figure 11

09683613.012402

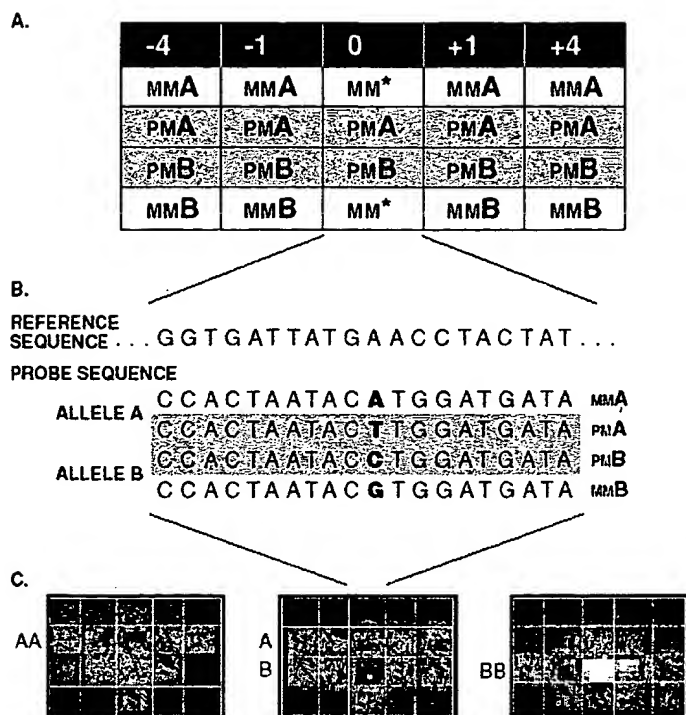


Figure 12

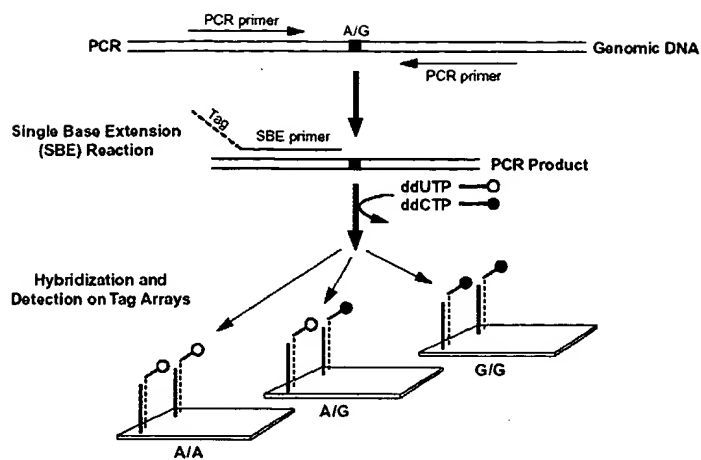


Figure 13

2014-10-27 14:02:09

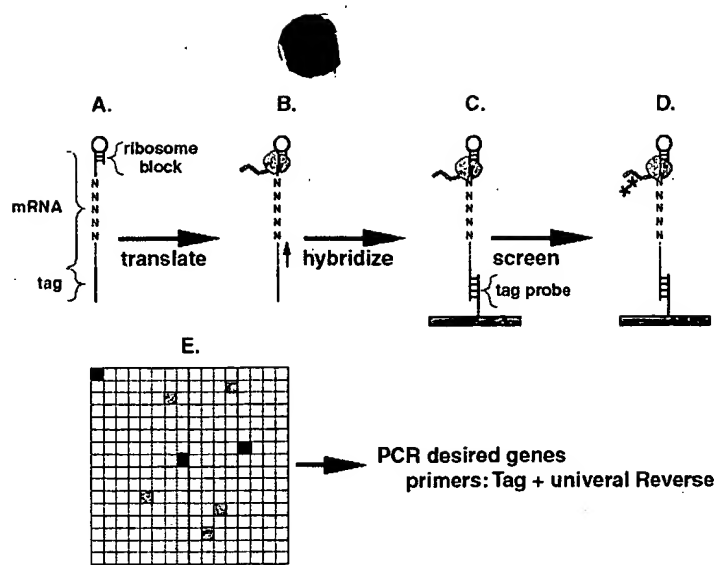


Figure 14

201210-ET9E8960

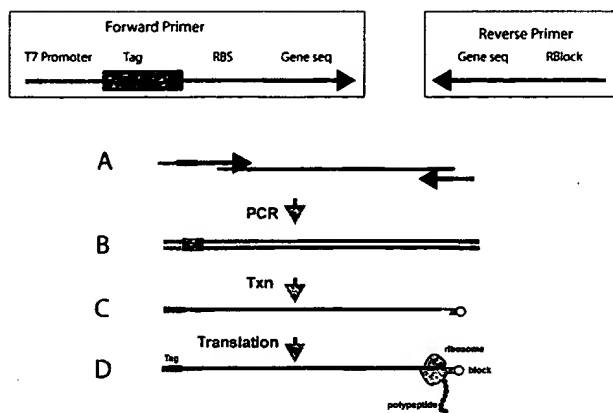


Figure 15

2014-01-01 09:00:00